

L1620N5M

Ø 16mm*19.6mm, 贵金属电刷 Precious Metal Brushes

应用领域：微型无人机、智能电玩、小家电产品等领域。
Applications: mini UAV's, remote control hobby products, small household appliances, etc.

				33-85-5.0	20-95-5.0	29-80-5.0				
电机参数 / Motor Data										
1	电压	Voltage	V	5.0	5.0	5.0				
2	端电阻	Terminal resistance	Ω	3.9	4.1	3.7				
3	空载转速	No-load speed	rpm	8550	9500	8000				
4	空载电流	No-load current	mA	35	35	25				
5	堵转转矩	Stall torque	mNm	6.8	5.78	7.8				
6	堵转电流	Stall current	mA	1280	1220	1350				
7	负载转矩	Load torque	mNm	1	1	1				
8	负载转速	Load speed	rpm	7290	7860	6970				
9	负载电流	Load current	mA	220	240	200				
10	最大输出功率	Max. output power	W	1.5	1.4	1.6				
11	最大效率	Max. efficiency	%	70	69	75				
12	反电势常数	Back-EMF constant	mV/rpm	0.6	0.5	0.6				
13	转矩常数	Torque constant	mNm/A	5.4	4.9	5.9				
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	1260	1640	1030				
15	转子惯量	Rotor inertia	gcm²	0.45	0.45	0.45				
16	重量	Weight	g	15.8	15.8	15.8				
17	工作温度范围	Operating temperature range	°C	-20~+85	特性曲线 / Characteristics Curve					
					L1620N5M33-85-5.0 — 转速 (N) — 电流 (I) - - - 效率 (η) —— 功率 (P)					
					仅供参考，详细了解请以产品规格书为准。 For reference only, please refer to the product specification.					

可选配置 / Options

齿轮箱：行星齿轮
Gearbox: planetary gearbox

性能 Special coils: 连续运行范围内可定制 customizable in continuous operation range
法兰 Flange: 标准前后法兰 standard front and rear flanges / 定制法兰 custom flanges
轴 Shaft: 长度 length / 异形 shape
电气连接 Electrical connection: 端子或导线 connector or wire / 导线长度 lead wires length

齿轮组主要技术指标详见第 158 页
the main technical indicators of the gear group are detailed on page 158

